

JVC[®]
PROFESSIONAL

TIMELAPSE VIDEO CASSETTE RECORDER **SR-L910UA**

- SP/EP/12-hour/24-hour continuous video/audio recording/playback capability
- Aluminum diecast mechanism for long-lasting reliability
- FDP counter display/hour meter (on screen)
- Alarm/sensor recording
- Timer recording
- Program cancellation for up to 16 days (holidays or national holidays)
- Automatic recording check mode
- Field recording/playback
- Series recording
- External clock adjustment
- Optional RS-232C interface



24H TIMELAPSE RECORDER

Economical, easy-to-use 12/24-hour timelapse recorder with rugged, durable design and versatile security functions

Nothing can give you more peace of mind than a video surveillance system. When it comes to recovering stolen goods or apprehending criminals, the presence of a video security system has proven effective time and time again. Now there's an affordable video surveillance recorder specifically designed to meet the security requirements of small businesses, convenience stores, and other retail outlets — the SR-L910UA from JVC. Offering up to 24 hours of continuous video and audio recording on a single tape, this rugged machine features a diecast aluminum chassis that's ready to withstand the wear and tear of continuous long-term use. A convenient tape counter and hour meter display make it easy to keep tabs on tape time and operation time, while a wide range of powerful security-related functions including alarm/sensor recording, automatic recording check function, tape end buzzer, series recording function and mode-lock operation ensure maximum peace of mind.



Recording Flexibility

24-hour long-time recording with a 120-minute tape

Recording times are selectable from 2 hours (SP mode), 6 hours (EP mode) and 12/24 hours (Timelapse mode). Up to one day (24 hours) of image recording is possible with a 120-minute tape. Using the field recording system, one frame is recorded every 0.1 seconds in the 12-hour Timelapse mode and every 0.2 seconds in the 24-hour Timelapse mode.

Display indication	Modes	Available recording time (hours)				Recording/playback interval (sec.)	Audio recording	Tape running
		T-30	T-60	T-90	T-120			
2H	VHS Standard (SP)	0.5	1	1.5	2	0.016	Possible	(Continuous) 33.35 mm/sec.
6H	VHS 3x (EP)	1.5	3	4.5	6	0.016	Possible	(Continuous) 11.12 mm/sec.
L12H	12-hour Timelapse	3.5	7	10.5	14	0.112	Possible	(Continuous) 4.76 mm/sec.
L24H	24-hour Timelapse	6.5	13	19.5	26	0.208	Possible	(Continuous) 2.56 mm/sec.

Audio monitoring

Audio signals can be recorded in the 12-hour/24-hour Timelapse mode, as well as in the conventional 2-hour/6-hour mode. This strengthens surveillance capabilities by providing both audio and video information.

Time/date generator

Superimposes the year, month, day, hours, minutes and seconds on the image during recording. Also allows you to use the menu screen to display the number of alarms, alarm time, and the number of power failures.

Timer recording function

Two types of timer recording are available: date-based (up to 8 programs) or day-of-the-week-based. Up to 16 days of timer-recorded programming within a year can be set for irregular days such as holidays, national holidays or special days. This makes it easy to integrate your surveillance schedule with your business schedule. An easy-to-use on-screen menu makes programming simple.

Versatility

Alarm recording function

When an alarm signal is input in the Timelapse Record mode, the 2-hour/6-hour mode is automatically engaged. Alarm recording time can be selected from 5, 15, 30, 60, 120, 180 sec., tape end, or set manually.

An index code is automatically recorded when alarm recording starts. Used as an alarm cue signal, this allows quick access to alarm recording points with the Index Search function.

Sensor recording

Whenever an alarm signal is input in the Stop mode, the Record mode is automatically engaged, ensuring that you will always have a recording of any incident that occurs.

Alarm/power loss memory

To help you pinpoint and track critical problem periods, up to 9 alarm inputs or power losses (failures) can be stored in memory. Added security is provided by a highly reliable standby power backup security system for automatic re-start of recording as soon as power is restored after a power failure.

Still, field advance and reverse play

For a closer review of recordings, the SR-L910UA offers still playback and field advance together with reverse play.

Reliability

Recording Check function

Pressing the [REC CHECK] button during recording allows you to check the status of the recording in progress. When activated via the corresponding function menu switch, the built-in head cleaner automatically cleans the heads whenever inferior picture quality is detected during Recording Check. After cleaning, the Recording Check operation is executed again automatically (Auto Recording Check function).

Highly reliable aluminum diecast mechanism

Greatly enhances the running stability and maintenance of the VCR mechanism.

Operation lock system

Prevents accidental or deliberate interference with VCR operation.

Warning function

Error indications are shown on the front panel display. Error warnings include problems with cassette loading, cassette unloading, or the transport system operation mode.

System Flexibility

Camera switching function

The SR-L910UA is equipped with a camera select signal output to synchronize camera switching with timelapse recording intervals. Since switching is performed during pauses in recording, continuous coverage is assured during timelapse recording, even when using multiple cameras.

Power-off video throughput function

Even when the power is off, the camera's EE input can be output from the VCR.

Series recording

Built-in series input/output connectors allow you to extend your recording capabilities indefinitely or take advantage of shorter realtime recording modes (2 or 6 hours) for longer periods. Connect several VCRs in series and automatically switch recording from one unit to the next without interrupting the recording.

Optional RS-232C interface

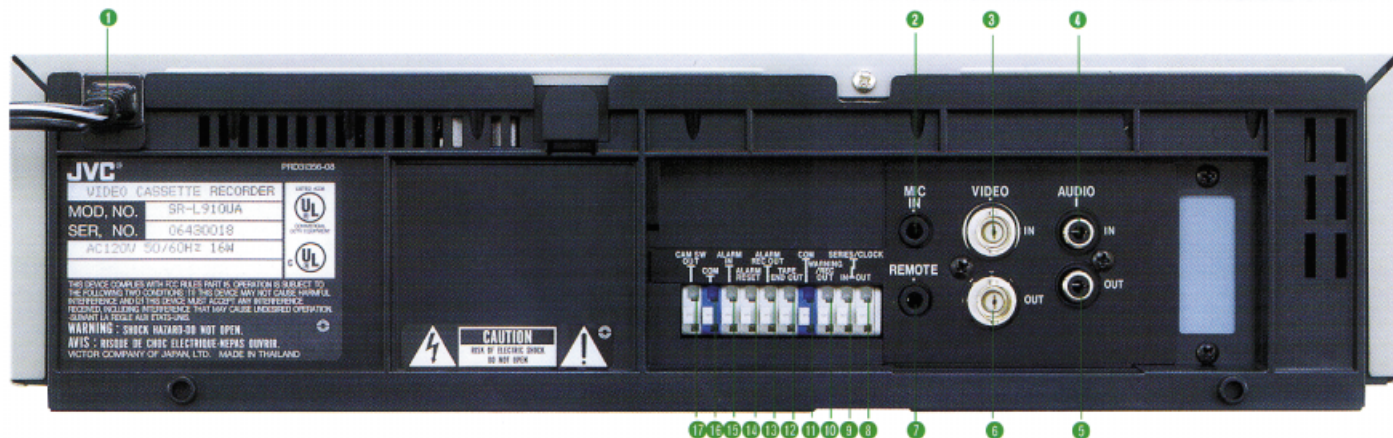
The SR-L910UA can easily be integrated in a centralized, computer-controlled security system with the optional RS-232C interface (SA-K97U) for direct computer connection.

Other Features

- On-screen menu setting functions
- Automatic head cleaning
- Quick-response full-loading mechanism
- Picture control (normal/sharp)
- Digital hour meter display
- Repeat recording
- Alarm recording, tape end and warning electronic buzzer
- Summer time compensation function
- Wired remote control (optional)

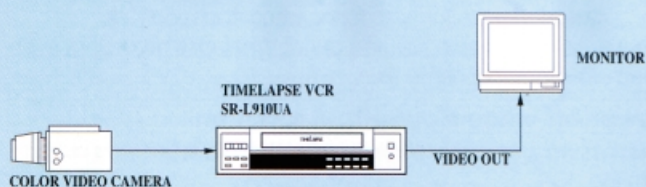
Rear panel

- | | |
|---|--|
| 1 Power cable | 11 [COM] common ground terminal |
| 2 [MIC IN] connector | 12 [TAPE END OUT] tape end signal output terminal |
| 3 [VIDEO IN] connector (BNC) | 13 [ALARM REC OUT] alarm recording mode signal output terminal |
| 4 [AUDIO IN] connector (RCA) | 14 [ALARM RESET] alarm signal reset input terminal |
| 5 [AUDIO OUT] connector (RCA) | 15 [ALARM IN] alarm signal input terminal |
| 6 [VIDEO OUT] connector (BNC) | 16 [COM] common ground terminal |
| 7 [REMOTE] connector | 17 [CAM SW OUT] camera switching signal output terminal |
| 8 [SERIES/CLOCK OUT] series recording signal/clock reset signal output terminal | |
| 9 [SERIES/CLOCK IN] series recording signal/clock reset signal input terminal | |
| 10 [WARNING OUT/REC OUT] warning signal/rec signal output terminal | |

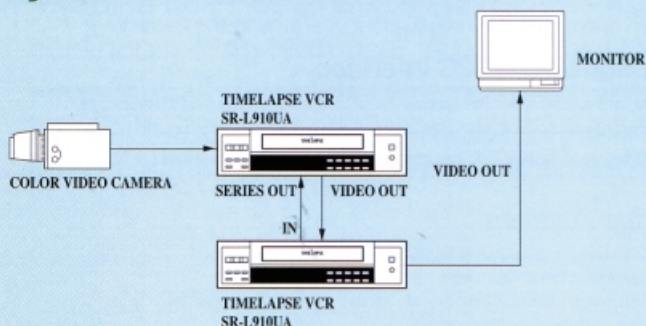


Design Your Own System Configuration

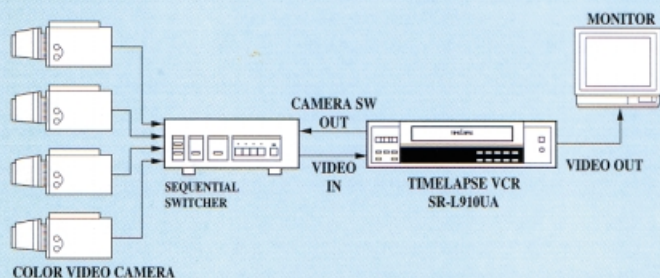
System 1 Basic System



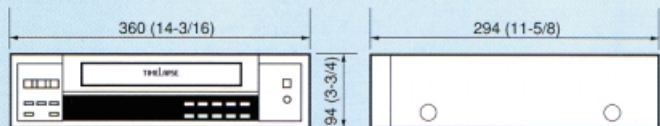
System 2 Long Duration Surveillance



System 3 Multi-Camera Sequential Recording System



DIMENSIONS (mm/Inches)



SPECIFICATIONS

GENERAL

Power requirement: AC 120 V, 50/60 Hz

Power consumption: Approx. 19 W

Dimensions: 360 (W) x 94 (H) x 294 (D) mm (14-3/16" x 3-3/4" x 11-5/8")

Weight: Approx. 4.5 kg (9.9 lbs.)

Temperature:

Operating: +5°C to +40°C (41°F to 104°F)

Storage: -20°C to +60°C (-4°F to 140°F)

Tape speed: 33.35 mm/sec., VHS Standard (SP) mode

11.12 mm/sec., VHS Extended mode (EP)

Recording and playback time: 2 hours (VHS Standard (SP) mode)

6 hours (VHS Extended (EP) mode)

L12, L24 hours

(Timelapse mode: field recording)

(with T-120 cassette)

VIDEO

Signal system: NTSC-type color signal, EIA

monochrome signal, 525 lines/60 fields

Recording system: Luminance: FM recording

Chrominance: Down-converted direct recording

Signal input: 0.5 to 2.0 Vp-p, 75 ohms, unbalanced (BNC)

Signal output: 1.0 Vp-p, 75 ohms, unbalanced (BNC)

Horizontal resolution: Color mode: 240 lines or more (2H mode)

S/N ratio: 45 dB or more (2H mode)

AUDIO

Number of tracks: 1 (normal)

Line input: -8 dBs, 50 kohms, unbalanced (RCA)

Mic input: -67 dBs, 600 ohms, unbalanced

Line output: -8 dBs, 1 kohm, unbalanced (RCA)

Frequency response: 100 Hz to 10 kHz (2H mode)

S/N ratio: 40 dB or more (2H mode)

TIME/DATE GENERATOR

Display: Month, day, year, hours, minutes, seconds, recording mode

Display position: Variable (four corners)

Character size: 16H

Power backup: Approx. five years (may be less depending on the operating environment)

ALARM

Input: Input-ground contact

Camera SW: Negative pulse output (approx. 5 ms)

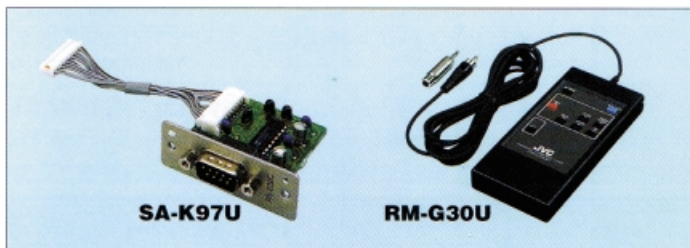
Open-collector output

OPTIONAL ACCESSORIES

RM-G30U: Remote control unit

SA-K97U: RS-232C interface

* For information about Year 2000 compliance, refer to the JVC home page at <http://www.victor.co.jp>.



Design and specifications subject to change without notice.

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■ The Hachioji Plant of Victor Company of Japan, Ltd., has received ISO14001 Certification under the global standard for environmental management.



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